pacific northwest aquatic monitoring partnership

Events

November

Nov 3-6: 46th International Symposium for the North American Lake Management Society (Kelowna, BC, Canada)
Nov 17-18: Northwest Power and Conservation Council Meeting (Portland, OR)
Nov 18-19: 2026 Lake Roosevelt Forum Conference (Spokane Valley, WA)
Nov 18-19: Grande Ronde Model Watershed - State of the Science Conference (La Grande, OR)
Nov 19: Puget Sound Partnership - Salmon Recovery Council Meeting (Hybrid)

December

Dec 1: Oregon Invasive Species Council Meeting (Salem, OR)
Dec 1: 3rd International Invasive Species & Climate Change Conference (virtual and free)
Dec 3: Washington Invasive Species Council Meeting (Olympia, WA)
Dec 8: WA Salmon Recovery Funding Board (Oympia, WA)
Dec 15: Northwest Power and Conservation Council Meeting (Portland, OR)

If you have an upcoming event that you would like to add to the PNAMP website and newsletter, please reach out to mdethloff@psmfc.org.

Job Openings

Fishery Biologist 3- Ecologist (Cook, WA) Pacific States Marine Fisheries Commission - Closes: Nov 5, 2026

Fishery Biologist 2- Data Analyst (Cook, WA) Pacific States Marine Fisheries Commission - Closes: Nov 5, 2026

Microbiology Technician 2 - Fur Seal Genetics (Juneau, AK) Pacific States Marine Fisheries Commission - Closes: Nov 8, 2026

Fisheries Technician 1- Tagging Trailer Assistant (Red Bluff, CA) Pacific States Marine Fisheries Commission - Closes: Nov 9, 2026

Fishery Biologist 1- Tagging Trailer Operator (Red Bluff, CA) Pacific States Marine Fisheries Commission - Closes: Nov 9, 2026

Data Management Specialist 2- Natural Coordinated Assessments and StreamNet (Boise, ID) Pacific States Marine Fisheries Commission - Closes: Nov 16, 2026

Fishery Biologist 1- Field crew for Sucker Research (Klamath Falls, OR) Pacific States Marine Fisheries Commission - Closes: Nov 23, 2026

Fishery Biologist 2 - Field Logistics Sucker Fish Monitoring Project (Klamath Falls, OR) Pacific States Marine Fisheries Commission - Closes: Nov 23, 2026

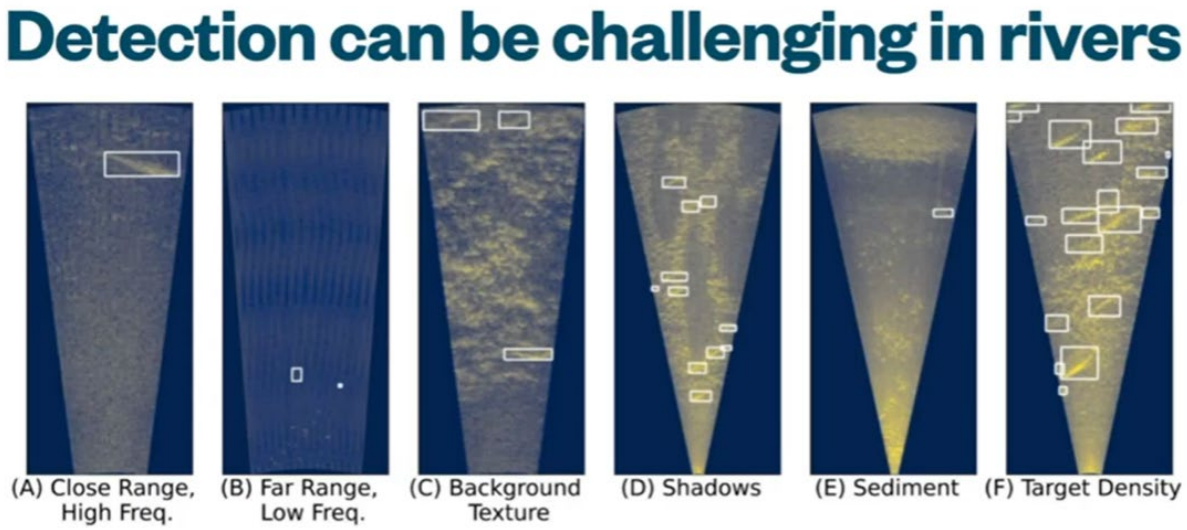
Fishery Biologist 3- Sucker Research and Monitoring (Klamath Falls, OR) Pacific States Marine Fisheries Commission - Closes: Nov 23, 2026

If you have a job opening that you would like to add to the PNAMP website and newsletter, please reach out to mdethloff@psmfc.org.

Announcements and Recent Publications

ICYMI: October PNAMP Fish Monitoring Work Group Meeting

The October PNAMP Fish Monitoring Work Group meeting was a treat, where **Kai Van Brunt**, a Research Assistant at the Massachusetts Institute of Technology (MIT) Beery Lab, featured a Tech Talk titled **Towards interactive, language-guided tracking of salmon in sonar video**.



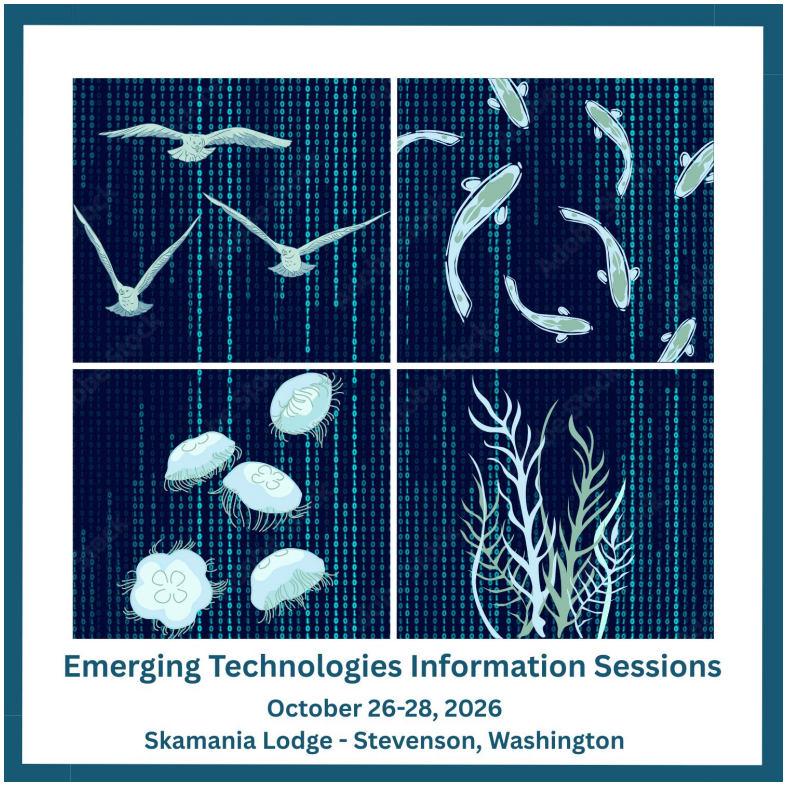
The meeting recording can be found here: https://youtu.be/WMRB7ER1UYY?si=kqPtYiVQb3Ct97bN

We will reconvene in January of 2027. If you have questions, comments, or recommendations for

presentations or tasks that the FMWG can help you with, reach out to Meg Dethloff, mdethloff@psmfc.org.

More information on the October FMWG meeting

Thanks for making the 2026 Emerging Technologies Information Sessions a resounding success!



This week we wrapped up the 2026 ETIS conference. Thanks to all the monitoring professionals, project managers, data collectors, and data managers who joined us to learn about the latest technologies and innovative techniques in ecological monitoring. We will be providing follow-up materials and a survey to participants in the coming weeks. An extra big thanks to our sponsors and presenters, without you this would not be possible.

If you have questions, please contact Sam Cimino at scimino@psmfc.org.

Presented By

pacific northwest aquatic monitoring partnership

StreamNet

Platinum Sponsors

Biomark

MERCK Animal Health

ORAFS Oregon Chapter American Fisheries Society

BONNEVILLE POWER ADMINISTRATION

HINCHINBROOK

Gold Sponsors

Blue Data Technologies

Lotek

QW Consulting, LLC

Silver Sponsors

WILDLIFE COMPUTERS

Northwest Power and Conservation Council

Life, Death, and Data: The story of a salmon run in the Middle Fork Salmon River basin



Read the full article here:
[Life, Death, and Data: The story of a salmon run in the Middle Fork Salmon River basin | Local News | rexburgstandardjournal.com]

Each fall, biologists from Idaho Fish and Game trek through the remote Middle Fork Salmon River basin to monitor one of nature's most remarkable migrations: the return of wild Chinook salmon to their natal streams. By counting redds (salmon nests), documenting spawning activity, and collecting biological samples from post-spawn salmon, researchers gain critical insights into population trends, age structure, and genetic diversity. Because the basin's Chinook population is entirely wild and free from hatchery influence, it provides a unique window into the health of naturally produced salmon and helps guide conservation efforts for future generations.

If you have recommendations for articles to share with our community, reach out to Meg Dethloff, mdethloff@psmfc.org.

Recent Publications:

The following publications are a truncated version of the Salmon Science on the Street email sent out by Greer Maier, Science Coordinator for the Washington State Governor's Salmon Recovery Office. If you'd like to recommend a paper or want included on the Salmon Science on the Street distribution list, reach out to Greer, greer.maier@gsro.wa.gov

A systematic review of ecological thresholds for salmon watersheds
Riley J.R. Finn, Tara G. Martin, Vivitskaia Tulloch, Alyssa Murdoch, Stephanie Lyons, Wes Moir, Marina Milligan, Elizabeth B.J. MacDonald, Chrystal Mantyka-Pringle

Interacting Effects of Wood and Channel Geometry on Pool Depth in Gravel-Bed Rivers
Shayla Triantafillou, Ellen Wohl, Daniel N. Scott, Anna Marshall

Ecological Connectivity in Estuarine and Coastal Marine Environments: Anthropogenic Effects
Michael J. Kennish

Short communication: Divergent life histories link thermal tolerance variation across Pacific salmon species and populations
Yuki Iino, Koh Hasegawa

Review of reintroduction as a conservation tool for Pacific salmon in western North America
Tobias J. Kock, Claire E. Couch, Matthew L. Keefer, Andrew P. Matala, Casey M. Baldwin, Christopher C. Caudill, John W. Ferguson, Shubha N. Pandit, Chris R. Frederiksen, Todd H. Newsome

Too Hot, Too Cold, Just Right: Thermal Modulating Capacity of Different Sources of Groundwater Discharge to Salmon-Bearing Streams
Tyelyn Brigino, Mark C. Rains, Kai C. Rains, Patricia Spellman, Elizabeth Wilson, Syverine Bentz, Lauren Sutton

Integrating hyporheic exchanges into salmonid spawning habitat models—A proof of concept focusing on Atlantic Salmon in Québec, Canada
Matteo Roncoroni, Carole-Anne Gillis, Allen Beck, Christopher Bédard, René Therrien, Normand Bergeron

Understanding River-Based Environmental Volunteering by Activity Type: Motivations and Barriers
Marta Benages-Albert, Enric Pol, Tomeu Vidal, Pere Vall-Casas

Social-ecological portfolio effects in ecosystem service provision, the case of commercial Pacific salmon fisheries in Canada
Flavio Affinito, Marie-Josée Fortin, Andrew Gonzalez

Evaluating Environmental DNA for Pacific Salmon Spawner Enumeration Across Diverse Freshwater Systems
Brock T. Burgess, Josephine C. Iacarella

Temporal Trends in Harbor Seal Counts Throughout Removal of Artificial Haul-Out Sites Adjacent to Critical Salmon Habitat
Holland C. Conwell, Alejandro Acevedo-Gutiérrez

Editorial: Intensively monitored watersheds – a tool to help us understand how ecological

processes function and are effected by stream and watershed restoration
George R. Pess, Peter Bisson, Robert Bilby, Greer Maier

If you have a recent publication that you would like to add to an upcoming newsletter, please reach out to mdethloff@psmfc.org.

PNAMP.org pnamp@psmfc.org PNAMP YouTube channel

pacific northwest aquatic monitoring partnership

Copyright (C) 2026 PNAMP. All rights reserved.